

CLAIMS

1. A shield electric cable connector for electrically connecting a shield electric cable to a mate member, the shield electric cable including one terminal portion peeled for said connector and the mate member, the terminal portion having a conductive shield layer exposed from a sheath of the shield electric cable, the connector comprising:

a conductive shield pipe surrounding the terminal portion of the shield electric cable; and

a conductive shield-connecting member surrounding the exposed shield layer between the exposed shield layer and the shield pipe, the shield-connecting member electrically connecting the exposed shield layer to the shield pipe, wherein:

the shield-connecting member has a pair of halves that sandwiches the exposed shield layer from both sides in a radial direction of the exposed shield layer.

2. The connector according to claim 1, wherein the halves each include

a semi-circular shield wall portion having an inner and an outer circumference extending in a circumferential direction of the shield layer,

a first contact portion integrally formed on the inner circumference of the shield wall portion, the first contact portion being brought into contact with the exposed shield layer, and

a plurality of second contact portions integrally formed on the outer circumference of the shield wall portion and arranged along the outer circumference of the shield wall portion, the second contact portions being brought into contact with the shield pipe.

3. The connector according to claim 2, wherein the

second contact portions of the halves are brought into contact with the shield pipe while being elastically deformed.

4. The connector according to claim 3, further comprising:

5 a resinous carrier member for supporting the halves, the carrier member having an inner circumferential surface, extended in an axial direction of the shield electric cable, for surrounding the exposed shield layer, and an end face to which the shield wall portions of the respective halves are
10 fixed.

5. The connector according to claim 4, wherein the support member includes a pair of resinous bodies, and the resinous bodies have respective engagement portions for being engaged with each other.

15 6. The connector according to claim 5, wherein the inner circumferential surface of the carrier member pushes the first contact portion of the half against the exposed shield layer.

7. The connector according to claim 6, wherein the
20 inner circumferential surface of the carrier member surrounds the sheath located adjacently to the exposed shield layer and has a ridge portion integrally formed on the sheath side, the ridge portion elongating in a circumferential direction of the inner circumferential surface and biting into the sheath.

25 8. The connector according to claim 7, wherein the first contact portion of the half has a corrugated surface brought into contact with the exposed shield layer.

9. The connector according to claim 8, wherein the resinous bodies of the carrier member are unitedly jointed to
30 the respective halves by insert molding.

10. The connector according to claim 9, further comprising

a metal tape that is interposed between the exposed

shield layer and the first contact portions of the respective halves, the metal tape being wound around the exposed shield layer.